

What is claimed is:

1. An optical disk player, comprising:  
a substrate having an opening;  
a turntable;  
5 a disk receiving space defined between the substrate and the turntable;  
a support frame that is pivotably coupled to the substrate;  
a gripping plate carried on the support frame and extending into the opening;  
and  
a slider coupled for slidable movement on the substrate, the slider having a  
10 pressing tab that presses the gripping plate through the opening and into the disk  
receiving space when a disk is received inside the disk receiving space.

2. The player of claim 1, wherein the support frame has a projecting tab,  
and wherein the slider has a block with an angled surface along which the projecting  
15 tab travels when the slider is moved.

3. The player of claim 2, wherein the slider has a side, and the angled  
surface and the pressing tab are provided along the same side.

20 4. The player of claim 1, wherein the substrate has a fixed pin, and the  
slider has a slot which receives the pin.

5. The player of claim 1, wherein the pressing tab releasably engages the  
gripping plate.

25 6. An optical disk player, comprising:  
a substrate having an opening;  
a support frame that is pivotably coupled to the substrate, the support frame  
having a projecting tab;  
30 a gripping plate carried on the support frame and extending into the opening;  
and  
a slider coupled for slidable movement on the substrate, the slider having a  
block with an angled surface along which the projecting tab travels when the slider is  
moved.

7. The player of claim 6, wherein the substrate has a fixed pin, and the slider has a slot which receives the pin.

5 8. The player of claim 6, wherein the support frame is pivoted as the projecting tab travels along the angled surface.

9. The player of claim 6, wherein the slider assumes a first position when an optical disk is not retained in the disk retaining space, and the slider assumes a  
10 second position when an optical disk is retained in the disk retaining space.

10. The player of claim 9, wherein the block has a top surface that extends from the angled surface, with the projecting tab positioned along the top surface of the block when the slider is in the first position.

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11. The player of claim 9, wherein the angled surface has a top portion and a bottom portion, wherein the projecting tab is positioned at the bottom portion of the angled surface when the slider is in the second position.

20 12. A clamping device for an optical disk player, comprising:  
a substrate having an opening;  
a support frame that is pivotably coupled to the substrate, the support frame having a projecting tab;

25 a gripping plate carried on the support frame and extending into the opening;  
and

a slider coupled for slidable movement on the substrate, the slider having:  
a block with an angled surface along which the projecting tab travels when the slider is moved, and

30 a pressing tab that releasably presses the gripping plate through the opening.

13. The device of claim 12, wherein the slider has a side, and the angled surface and the pressing tab are provided along the same side.

14. The device of claim 12, wherein the substrate has a fixed pin, and the slider has a slot which receives the pin.

5 15. The device of claim 12, wherein the support frame is pivoted as the projecting tab travels along the angled surface.

10 16. The device of claim 12, wherein the slider assumes a first position when an optical disk is not retained by the clamping device, and the slider assumes a second position when an optical disk is retained by the clamping device.

17. The device of claim 16, wherein the block has a top surface that extends from the angled surface, with the projecting tab positioned along the top surface of the block when the slider is in the first position.

15 18. The device of claim 16, wherein the angled surface has a top portion and a bottom portion, wherein the projecting tab is positioned at the bottom portion of the angled surface when the slider is in the second position.